**FIRST EDITION**

# DETAILED IRRIGATION BUDGET

FOR THE YEAR

## 1938-1939.

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# DETAILED IRRIGATION BUDGET

FOR THE YEAR

## 1938-1939.

### ABSTRACT OF EXPENDITURE ON IRRIGATION WORKS.

| Head of account. (1) | Details. (2) | Budget Estimate, 1938–1939. (3) |
|---|---|---|
| | | RS. |
| XVII. Irrigation, Navigation, Embankment and Drainage Works for which Capital Accounts are kept —Working Expenses. | Extensions and Improvements .. .. | 2,38,100 |
| | Maintenance and Repairs .. .. | 24,76,000 |
| | Establishment (including Pensionary charges) .. .. .. .. | 12,13,400 |
| | Tools and Plant .. .. .. | 21,400 |
| | Provision for Flood Repairs .. .. | 63,500 |
| | Total—'XVII'—Working Expenses .. | 40,12,400 |
| 17. Interest on works for which capital accounts are kept (Irrigation, Navigation, etc.). | Interest on works .. .. .. | 80,69,000 |
| 18. Irrigation—Other Revenue expenditure financed from ordinary revenues— I. Works in charge of Public Works Department. | Works .. .. .. .. | 46,000 |
| | Extensions and Improvements .. .. | 1,58,500 |
| | Maintenance and Repairs .. .. | 18,92,900 |
| | Establishment .. .. .. .. | 6,16,000 |
| | Tools and Plant .. .. .. | 16,300 |
| | Other charges (including Grants-in-aid) .. | 33,800 |
| | Lump addition for re-grant of lapses .. | 2,000 |
| | Lump deduction on account of probable savings .. .. .. .. | — 2,000 |
| | Provision for Flood Repairs .. .. | 21,500 |
| | Total—I. .. | 27,85,000 |
| II. Minor Irrigation (Revenue department). | Minor Irrigation .. .. .. | 12,19,900 |
| | Total—'18' .. | 40,04,900 |

DETAILED IRRIGATION BUDGET, 1938-1939

## ABSTRACT OF EXPENDITURE ON IRRIGATION WORKS—*cont.*

| Head of account. (1) | Details. (2) | Budget Estimate, 1938–1939. (3) |
|---|---|---|
| | | RS. |
| 19. Construction of Irrigation, Navigation, Embankment and Drainage Works—Financed from Ordinary Revenues. | Works .. .. .. .. | 1,76,100 |
| | Establishment (including Pensionary charges) .. .. .. .. | 53,800 |
| | Tools and Plant .. .. .. | 1,400 |
| | Lump addition for re-grant of lapses .. | 5,000 |
| | Lump deduction for probable savings .. | — 5,000 |
| | Total—'19' .. | 2,31,300 |
| 68. Construction of Irrigation, Navigation, Embankment and Drainage Works. | Works (excluding lump addition and deduction specified below) .. .. .. | 7,06,300 |
| | Establishment (including Pensionary charges) .. .. .. .. | 2,09,900 |
| | Tools and Plant .. .. .. | 4,900 |
| | Suspense .. .. .. .. | — 20,000 |
| | Lump addition for re-grant of lapses .. | 2,500 |
| | Lump deduction on account of probable savings .. .. .. .. | — 2,500 |
| | *Deduct—* | |
| | Recoveries on Capital Account .. .. | — 51,500 |
| | Total—'68' .. | 8,49,C00 |

# DEMAND VII—IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1938–1939.

DEMAND FOR GRANT (VOTED) .. .. Rs. 64,40,400

*Total of sums Charged* .. .. .. *Rs. 80,92,200*

Summary by Major Heads.

| Head of Account. (1) | Accounts, 1936–1937. Non-voted. (2) | Accounts, 1936–1937. Voted. (3) | Budget Estimate, 1937–1938. Charged. (4) | Budget Estimate, 1937–1938. Voted. (5) | Revised Estimate, 1937–1938. Charged. (6) | Revised Estimate, 1937–1938. Voted. (7) | Budget Estimate, 1938–1939. Charged. (8) | Budget Estimate, 1938–1939. Voted. (9) |
|---|---|---|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| XVII. Irrigation, Navigation, Embankment and Drainage Works for which Capital Accounts are kept—Working Expenses .. | *33,590* | 29,69,798 | *22,400* | 32,98,800 | *21,500* | 31,33,000 | *22,200* | 28,67,600 |
| 17. Irrigation—Interest on works for which capital accounts are kept .. .. | *77,78,288* | .. | *84,38,000* | .. | *84,34,000* | .. | *80,69,000* | .. |
| 18. Irrigation—Other Revenue Expenditure financed from Ordinary Revenues .. | *91* | 37,62,904 | .. | 38,62,700 | .. | 37,14,400 | .. | 33,93,400 |
| 19. Construction of Irrigation, Navigation, Embankment and Drainage Works .. | *1,446* | 1,74,166 | *1,700* | 2,74,400 | *700* | 1,50,600 | *1,000* | 1,79,400 |
| | *78,13,415* | 69,06,868 | *84,62,100* | 74,35,900 | *84,56,200* | 69,98,000 | *80,92,200* | 64,40,400 |
| TOTAL—DEMAND VII—IRRIGATION. | 1,47,20,283 | | 1,58,98,000 | | 1,54,54,200 | | 1,45,32,600 | |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Summary by Minor Heads and Sub-heads of appropriation.

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| **Irrigation Works—Productive Works.** | | | | | | | | |
| XVII. a EXTENSIONS AND IMPROVEMENTS. | .. | 2,40,224 | .. | 4,91,900 + 4,000* | .. | 4,14,000 +16,700* | .. | 2,27,300 |
| XVII. b. MAINTENANCE AND REPAIRS .. | *8,548* | 22,20,607 | .. | 22,17,500 | .. | 21,32,900 | .. | 20,45,000 |
| XVII. c. ESTABLISHMENT— | | | | | | | | |
| A. SPECIAL ESTABLISHMENT. | .. | .. | .. | 900 | .. | 900 | .. | 900 |
| B. METTUR TOWNSHIP ADMINISTRATION .. | .. | .. | .. | 19,400 | .. | 12,200 | .. | 15,300 |
| TOTAL—IRRIGATION WORKS—PRODUCTIVE WORKS .. | *8,548* | 24,60,831 | .. | 27,33,700 | .. | 25,76,700 | .. | 22,88,500 |
| | 24,69,379 | | 27,33,700 | | 25,76,700 | | 22,88,500 | |
| **Irrigation Works—Unproductive Works.** | | | | | | | | |
| XVII. d. EXTENSIONS AND IMPROVEMENTS .. | .. | 3,234 | .. | 16,200 | .. | 16,300 | .. | 6,300 |
| XVII. e. MAINTENANCE AND REPAIRS .. | *262* | 2,37,709 | .. | 2,20,100 | .. | 2,36,400 | .. | 2,04,100 |
| TOTAL—IRRIGATION WORKS—UNPRODUCTIVE WORKS. | *262* | 2,40,943 | .. | 2,36,300 | .. | 2,52,700 | .. | 2,10,400 |
| | 2,41,205 | | 2,36,300 | | 2,52,700 | | 2,10,400 | |

* Represents cost of English stores.

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation.

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| **Navigation, Embankment and Drainage Works—Unproductive Works.** | RS. | RS. | RS. | RS. | RS | RS. | RS. | RS. |
| XVII. f. EXTENSIONS AND IMPROVEMENTS. | | — 1,595 | .. | 10,000 | .. | 10,000 | .. | 4,500 |
| XVII. g. MAINTENANCE AND REPAIRS .. | *487* | 1,87,940 | .. | 2,15,100 | .. | 2,20,000 | .. | 2,26,900 |
| TOTAL—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS. | *487* | 1,86,345 | .. | 2,25,100 | .. | 2,30,000 | .. | 2,31,400 |
| | 1,86,832 | | 2,25,100 | | 2,30,000 | | 2,31,400 | |
| XVII. PENSION CHARGES— | | | | | | | | |
| IRRIGATION—PRODUCTIVE .. | *21,439* | 73,389 | *19,500* | 63,000 | *18,600* | 63,600 | *19,000* | 63,200 |
| UNPRODUCTIVE .. | *1,629* | 5,449 | *1,800* | 5,700 | *1,800* | 6,100 | *1,900* | 6,200 |
| NAVIGATION—UNPRODUCTIVE .. | *1,225* | 2,841 | *1,100* | 3,600 | *1,100* | 3,900 | *1,300* | 4,400 |
| TOTAL—PENSION CHARGES .. | *24,293* | 81,679 | *22,400* | 72,300 | *21,500* | 73,600 | *22,200* | 73,800 |
| XVII. PROVISION FOR FLOOD REPAIRS— | | | | | | | | |
| (i) PRODUCTIVE .. | .. | .. | .. | 19,900 | .. | .. | . | 41,000 |
| (ii) UNPRODUCTIVE .. | .. | .. | .. | 11,500 | .. | .. | .. | 22,500 |
| TOTAL—FLOOD REPAIRS .. | .. | .. | . | 31,400 | .. | .. | .. | 63,500 |
| TOTAL—XVII—WORKING EXPENSES (INCLUDED IN DEMAND VII—IRRIGATION) .. .. | *33,590* | 29,69,798 | *22,400* | 32,98,800 | *21,500* | 31,33,000 | *22,200* | 28,67,600 |
| | 30,03,388 | | 33,21,200 | | 31,54,500 | | 28,89,800 | |
| *Add*—*Pro-rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC. | | | | | | | | |
| (*a*) ESTABLISHMENT— | | | | | | | | |
| IRRIGATION— | | | | | | | | |
| PRODUCTIVE .. | *2,34,310* | 8,02,062 | *2,24,000* | 7,24,400 | *2,13,600* | 7,30,700 | *2,17,900* | 7,25,900 |
| UNPRODUCTIVE .. | *17,806* | 59,554 | *20,400* | 65,600 | *20,600* | 70,500 | *21,300* | 71,100 |
| NAVIGATION—UNPRODUCTIVE .. | *13,383* | 31,052 | *12,800* | 41,300 | *13,200* | 45,100 | *15,000* | 50,000 |
| TOTAL—ESTABLISHMENT .. | *2,65,499* | 8,92,668 | *2,57,200* | 8,31,300 | *2,47,400* | 8,46,300 | *2,54,200* | 8,47,000 |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| *Add*— *Pro-rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.—*cont.* | | | | | | | | |
| (*b*) TOOLS AND PLANT— | | | | | | | | |
| IRRIGATION— | | | | | | | | |
| PRODUCTIVE .. | .. | 11,942 | .. | 21,800 | .. | 20,500 | .. | 17,800 |
| UNPRODUCTIVE .. | .. | 925 | .. | 2,000 | .. | 2,000 | .. | 1,800 |
| NAVIGATION— | | | | | | | | |
| UNPRODUCTIVE .. | .. | 452 | .. | 1,800 | .. | 1,800 | .. | 1,800 |
| TOTAL—TOOLS AND PLANT .. | .. | 13,319 | .. | 25,600 | .. | 24,300 | .. | 21,400 |
| TOTAL—MAJOR HEAD XVII—IRRIGATION—WORKING EXPENSES. | *2,99,089* | 38,75,785 | *2,79,600* | 41,55,700 | *2,68,900* | 40,03,600 | *2,76,400* | 37,36,000 |
| | 41,74,874 | | 44,35,300 | | 42,72,500 | | 40,12,400 | |
| DISTRIBUTION OF THE MAJOR HEAD TOTAL AS BETWEEN PRODUCTIVE AND UNPRODUCTIVE— | | | | | | | | |
| IRRIGATION— | | | | | | | | |
| PRODUCTIVE .. | *2,64,297* | 33,48,224 | *2,43,500* | 35,62,800 | *2,32,200* | 33,91,500 | *2,36,900* | 31,36,400 |
| UNPRODUCTIVE .. | *19,697* | 3,06,871 | *22,200* | 3,21,100 | *22,400* | 3,31,300 | *23,200* | 3,12,000 |
| NAVIGATION— | | | | | | | | |
| UNPRODUCTIVE .. | *15,095* | 2,20,690 | *13,900* | 2,71,800 | *14,300* | 2,80,800 | *16,300* | 2,87,600 |
| TOTAL .. | *2,99,089* | 38,75,785 | *2,79,600* | 41,55,700 | *2,68,900* | 40,03,600 | *2,76,400* | 37,36,000 |
| | 41,74,874 | | 44,35,300 | | 42,72,500 | | 40,12,400 | |

## 17. INTEREST ON WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

Summary by Minor Heads and Sub-heads of appropriation.

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
|---|---|---|---|---|---|---|---|---|
| 17. a. IRRIGATION WORKS— | | | | | | | | |
| (1) PRODUCTIVE .. | *62,01,734* | .. | *64,21,000* | .. | *64,17,000* | .. | *61,44,000* | .. |
| (2) UNPRODUCTIVE .. | *12,85,289* | .. | *16,37,000* | .. | *16,37,000* | | *15,64,000* | .. |
| 17. b. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS— | | | | | | | | |
| UNPRODUCTIVE .. | *2,91,265* | .. | *3,80,000* | .. | *3,80,000* | .. | *3,61,000* | .. |
| GRAND TOTAL—MAJOR HEAD 17 .. | *77,78,288* | .. | *84,38,000* | .. | *84,34,000* | .. | *80,69,000* | .. |
| | 77,78,288 | | 84,38,000 | | 84,34,000 | | 80,69,000 | |

## 18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

Summary by Minor Heads and Sub-heads of appropriation.

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| **IRRIGATION WORKS.** | | | | | | | | |
| WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT. | | | | | | | | |
| **Public Works Department.** | | | | | | | | |
| 18. a. WORKS .. .. | .. | 53,009 | .. | 95,200 | .. | 80,600 | .. | 45,700 |
| 18. b. EXTENSIONS AND IMPROVEMENTS. | .. | 1,58,600 | .. | 1,67,500 | .. | 1,15,300 | .. | 1,43,200 |
| 18. c. MAINTENANCE AND REPAIRS .. | *55* | 15,62,093 | .. | 14,97,300 | .. | 15,17,700 | .. | 12,92,900 |
| MISCELLANEOUS EXPENDITURE | | | | | | | | |
| 18. d. ESTABLISHMENTS— | | | | | | | | |
| A. PAY OF OFFICERS AND ESTABLISHMENTS .. | .. | 21,027 | .. | 6,300 | .. | 18,600 | | 14,400 |
| B. OTHER CHARGES .. | .. | 9,390 | .. | 4,900 | .. | 14,900 | .. | 5,600 |
| Total—18. d. .. | .. | 30,417 | .. | 11,200 | .. | 33,500 | .. | 20,000 |
| 18. e. TOOLS AND PLANT. | .. | 9,096 | .. | 25,000 | .. | 13,500 | .. | .. |
| 18. f. OTHER CHARGES— | | | | | | | | |
| OTHER PROJECTS .. | .. | 15,484 | .. | 53,200 | .. | 62,100 | .. | 25,300 |
| 18. l. GRANTS-IN-AID .. | .. | 7,500 | .. | 7,500 | .. | 7,500 | .. | 7,500 |
| TOTAL—PUBLIC WORKS DEPARTMENT .. | *55* | 18,36,199 | .. | 18,56,900 | .. | 18,30,200 | .. | 15,34,600 |

## 18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| **IRRIGATION WORKS.** | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT. | | | | | | | | |
| **Minor Irrigation. Revenue Department.** | | | | | | | | |
| 18. g. WORKS— | | | | | | | | |
| A. ORDINARY AREAS. | .. | 18,631 | .. | 19,900 | .. | 19,000 | .. | 19,000 |
| B. PARTIALLY EXCLUDED AREAS. | | | | 2,100 | .. | 1,300 | .. | 3,000 |
| TOTAL—18. g. .. | .. | 18,631 | .. | 22,000 | .. | 20,300 | .. | 22,000 |
| 18. h. MAINTENANCE AND REPAIRS— | | | | | | | | |
| A. ORDINARY AREAS. | .. | 9,56,604 | .. | 9,85,000 | .. | 9,20,000 | .. | 9,24,000 |
| B. PARTIALLY EXCLUDED AREAS. | | | | 15,000 | .. | 19,000 | .. | 18,000 |
| C. PROVISION FOR FLOOD REPAIRS.. | | | .. | 15,000 | .. | 15,000 | .. | 15,000 |
| TOTAL—18. h. .. | .. | 9,56,604 | .. | 10,15,000 | .. | 9,54,000 | .. | 9,57,000 |
| 18. j. ESTABLISHMENT— | | | | | | | | |
| A. ORDINARY AREAS— | | | | | | | | |
| 1. PAY OF ESTABLISHMENTS .. | .. | 1,84,999 | .. | 1,81,100 | .. | 1,84,100 | .. | 1,84,000 |
| 2. OTHER CHARGES .. | .. | 49,726 | .. | 51,300 | .. | 50,300 | .. | 49,200 |
| B. PARTIALLY EXCLUDED AREAS— | | | | | | | | |
| 1. PAY OF ESTABLISHMENTS AND OTHER CHARGES .. | .. | .. | .. | 5,700 | .. | 5,900 | .. | 6,000 |
| TOTAL—18. j. .. | .. | 2,34,725 | .. | 2,38,100 | .. | 2,40,300 | .. | 2,39,200 |
| 18. k. TOOLS AND PLANT— | | | | | | | | |
| A. ORDINARY AREAS. | .. | 5 | .. | 100 | .. | 300 | | 500 |
| B. PARTIALLY EXCLUDED AREAS. | | | | 100 | .. | .. | .. | .. |
| TOTAL—18. k. .. | .. | 5 | .. | 200 | .. | 300 | .. | 500 |
| MISCELLANEOUS EXPENDITURE. | | | | | | | | |
| 18. l. GRANTS-IN-AID .. | .. | 1,168 | .. | 1,200 | .. | 1,200 | .. | 1,200 |
| TOTAL—MINOR IRRIGATION .. .. | .. | 12,11,133 | .. | 12,76,500 | .. | 12,16,100 | .. | 12,19,900 |
| TOTAL—IRRIGATION WORKS. | 55 | 30,47,332 | | 31,33,400 | .. | 30,46,300 | .. | 27,54,500 |
| | 30,47,387 | | 31,33,400 | | 30,46,300 | | 27,54,500 | |

## 18—IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| **Navigation, Embankment and Drainage Works.** | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT. | | | | | | | | |
| **Public Works Department.** | | | | | | | | |
| 18. m. WORKS .. .. | .. | 22,161 | .. | 13,000 | .. | 20,000 | .. | 300 |
| 18. n. EXTENSIONS AND IMPROVEMENTS .. | .. | 14,363 | .. | 8,500 | .. | 9,200 | .. | 15,300 |
| 18. o. MAINTENANCE AND REPAIRS .. | *36* | 6,78,163 | .. | 5,81,000 | .. | 6,27,100 | .. | 6,00,000 |
| MISCELLANEOUS EXPENDITURE | | | | | | | | |
| 18. p. ESTABLISHMENTS— | | | | | | | | |
| A PAY OF OFFICERS AND ESTABLISHMENT .. | .. | .. | .. | .. | .. | 1,600 | .. | 500 |
| B. OTHER CHARGES (ALLOWANCES AND CONTINGENCIES) .. | .. | .. | .. | .. | .. | 800 | .. | 300 |
| TOTAL—18. p. .. | .. | .. | .. | .. | .. | 2,400 | .. | 800 |
| 18. q. OTHER CHARGES. | .. | 885 | .. | 13,000 | .. | 9,400 | .. | 1,000 |
| TOTAL—NAVIGATION, ETC., WORKS .. .. | *36* | 7,15,572 | .. | 6,15,500 | .. | 6,68,100 | .. | 6,17,400 |
| | 7,15,608 | | 6,15,500 | | 6,68,100 | | 6,17,400 | |
| 18. LUMP ADDITION FOR REGRANT OF LAPSES. | .. | .. | .. | 2,000 | .. | .. | .. | 2,000 |
| 18. LUMP DEDUCTION FOR PROBABLE SAVINGS .. | .. | .. | .. | — 2,000 | .. | .. | .. | —2,000 |
| 18. PROVISION FOR FLOOD REPAIRS .. .. | .. | .. | .. | 1,13,800 | .. | .. | .. | 21,500 |
| TOTAL—18. (INCLUDED IN DEMAND VII—IRRIGATION). | *91* | 37,62,904 | .. | 38,62,700 | .. | 37,14,400 | .. | 33,93,400 |
| | 37,62,995 | | 38,62,700 | | 37,14,400 | | 33,93,400 | |
| *Add*— | | | | | | | | |
| *Pro rata* CHARGES SHOWN UNDER DEMAND XXV —CIVIL WORKS— ESTABLISHMENT, ETC., ESTABLISHMENT .. | *2,29,867* | 5,72,669 | *1,40,700* | 4,54,900 | *1,36,000* | 4,65,100 | *1,37,400* | 4,57,800 |
| TOOLS AND PLANT .. | .. | 9,686 | .. | 19,800 | .. | 19,000 | .. | 16,300 |
| GRAND TOTAL—MAJOR HEAD 18. | *2,29,958* | 43,45,259 | *1,40,700* | 43,37,400 | *1,36,000* | 41,98,500 | *1,37,400* | 38,67,500 |
| | 45,75,217 | | 44,78,100 | | 43,34,500 | | 40,04,900 | |

## 19—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| **A. Financed from Famine Relief Fund.** | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| IRRIGATION WORKS— | | | | | | | | |
| 19. a. UNPRODUCTIVE—WORKS .. .. | .. | .. | .. | 75,000 | .. | 1,11,000 | .. | 3,000 |
| *Add*— *Pro rata* CHARGES SHOWN UNDER DEMAND XXV (FINANCED FROM FAMINE RELIEF FUND). | | | | | | | | |
| (i) ESTABLISHMENT .. | .. | .. | *4,100* | 13,300 | *6,600* | 21,700 | *200* | 700 |
| (ii) TOOLS AND PLANT. | .. | .. | .. | 600 | .. | 900 | .. | .. |
| (iii) PENSION CHARGES. | .. | .. | .. † | .. † | *600* | 1,900 | .. | 100 |
| TOTAL—A. a. .. | .. | .. | *4,100* | 88,900 | *7,200* | 1,35,500 | *200* | 3,800 |
| 19. A. b. *Deduct*—AMOUNT TRANSFERRED FROM FAMINE RELIEF FUND .. .. | .. | .. | —*4,100* | — 88,900 | —*7,200* | -1,35,500 | —*200* | —3,800 |
| TOTAL—A. WORKS FINANCED FROM FAMINE RELIEF FUND .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **B. Financed from Ordinary Revenues.** | | | | | | | | |
| IRRIGATION WORKS— | | | | | | | | |
| 19. B. a. PRODUCTIVE—WORKS .. | .. | 1,17,543 | .. | 1,92,900 | .. | 1,22,300 | .. | 1,00,800 |
| 19. B. b. UNPRODUCTIVE—WORKS .. .. | .. | 53,100 | .. | 76,000 | .. | 25,800 | .. | 73,300 |

† Included under '19. Pension charges' on page 60 infra.

## 19—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| NAVIGATION WORKS— | | | | | | | | |
| 19. B. c. UNPRODUCTIVE—WORKS .. | .. | .. | .. | .. | .. | .. | .. | 2,000 |
| TOTAL—B. WORKS FINANCED FROM ORDINARY REVENUES .. .. | .. | 1,70,643 | .. | 2,68,900 | .. | 1,48,100 | .. | 1,76,100 |
| TOTAL—19. WORKS .. | .. | 1,70,643 | .. | 2,68,900 | .. | 1,48,100 | .. | 1,76,100 |
| 19. PENSION CHARGES .. | *1,446* | 3,523 | *1,700* | 5,500 | *700* | 2,500 | *1,000* | 3,300 |
| 19. LUMP ADDITION FOR REGRANT OF LAPSES. | .. | .. | .. | 1,000 | .. | .. | .. | 5,000 |
| 19. LUMP DEDUCTION FOR PROBABLE SAVINGS .. | .. | .. | .. | — 1,000 | .. | .. | .. | — 5,000 |
| TOTAL—19. (INCLUDED IN DEMAND VII—IRRIGATION) .. | *1,446* | 1,74,166 | *1,700* | 2,74,400 | *700* | 1,50,600 | *1,000* | 1,79,400 |
| | 1,75,612 | | 2,76,100 | | 1,51,300 | | 1,80,400 | |
| *Add*— | | | | | | | | |
| *Pro rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENT, ETC. (FINANCED FROM ORDINARY REVENUES). | | | | | | | | |
| (*a*) ESTABLISHMENT .. | *15,807* | 38,505 | *15,400* | 49,900 | *8,500* | 29,100 | *11,500* | 38,000 |
| (*b*) TOOLS AND PLANT. | .. | 719 | .. | 2,200 | .. | 1,200 | .. | 1,400 |
| GRAND TOTAL—MAJOR HEAD 19. | *17,253* | 2,13,390 | *17,100* | 3,26,500 | *9,200* | 1,80,900 | *12,500* | 2,18,800 |
| | 2,30,643 | | 3,43,600 | | 1,90,100 | | 2,31,300 | |

## 19—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—B. FINANCED FROM ORDINARY REVENUES.

Summary by Minor Heads and Sub-heads of appropriation.

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936-1937. | | Budget Estimate, 1937-1938. | | Revised Estimate, 1937-1938. | | Budget Estimate, 1938-1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| **Irrigation Works—Productive.** | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| B. a. WORKS— | | | | | | | | |
| A. GODAVARI DELTA SYSTEM .. | | | .. | 49,600 | .. | 31,600 | .. | 14,100 |
| B. POLAVARAM ISLAND PROJECT .. | | | .. | 9,000 | .. | 2,200 | .. | 800 |
| C. KISTNA DELTA SYSTEM .. .. | | | .. | 38,500 | .. | 34,800 | .. | 4,800 |
| D. PENNAR RIVER CANALS SYSTEM. | | | .. | 400 | .. | 400 | .. | .. |
| E. CAUVERY DELTA SYSTEM .. | | | .. | 48,200 | .. | 48,800 | .. | 76,900 |
| F. SHATIATOPE ANICUT SYSTEM .. | | | .. | .. | .. | 200 | .. | .. |
| G. TOLUDUR RESERVOIR SYSTEM .. | | | .. | 41,000 | .. | 4,300 | .. | 3,000 |
| H. KATTALAI SCHEME. | | | .. | 6,200 | .. | .. | .. | .. |
| J. KISTNA EAST BANK CANAL EXTENSION SCHEME .. | | | .. | .. | .. | .. | .. | 1,200 |
| TOTAL—B. a. WORKS. | | 1,17,543 | .. | 1,92,900 | .. | 1,22,300 | .. | 1,00,800 |
| **Irrigation Works—Unproductive.** | | | | | | | | |
| B. b. WORKS— | | | | | | | | |
| A. NAGAVALLI RIVER SYSTEM .. | | | .. | 10,000 | | 7,000 | .. | 5,500 |
| B. BASAVANNAH CHANNEL .. | | | .. | 300 | .. | 3,000 | .. | .. |
| C. MUNIYERU SYSTEM. | | | .. | 2,500 | .. | 2,000 | .. | 1,000 |
| D. BARUR TANK .. | | | .. | 2,400 | .. | 3,700 | .. | .. |
| E. PALAR ANICUT SYSTEM .. | | | .. | 10,800 | .. | .. | .. | 16,800 |
| F. DUVVALERU PROJECT .. | | | .. | 50,000 | .. | 10,000 | .. | 50,000 |
| G. MOPAD PROJECT .. | | | .. | .. | .. | 100 | .. | .. |
| TOTAL—B. b. WORKS. | | 53,100 | .. | 76,000 | .. | 25,800 | .. | 73,300 |
| **Navigation Works—Unproductive.** | | | | | | | | |
| B. c. WORKS— | | | | | | | | |
| BUCKINGHAM CANAL. | | | .. | .. | .. | .. | .. | 2,000 |
| TOTAL—B. c. WORKS. | | | .. | .. | .. | .. | .. | 2,000 |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS.

### a. Extensions and Improvements.

| Sub-heads of appropriation. | Detailed account heads. | Figures by detailed account heads. Accounts, 1936-1937. | Budget Estimate, 1937-1938. | Revised Estimate, 1937-1938. | Budget Estimate, 1938-1939. |
|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) |
| | Extensions and Improvements. | RS. | RS. | RS. | RS. |
| XVII. a. Extensions and Improvements. | 1. Chicacole Minor Rivers system .. | 448 | 200 | 800 | .. |
| | 2. Godavari Delta system .. .. | 98,004 | { 2,76,800<br>* 800 | 2,18,220<br>* (a) 12,500 | 75,618<br>.. |
| | 3. Kistna Delta system .. .. | 55,513 | 80,000 | { 64,300<br>* 2,200 | 60,300<br>.. |
| | 4. Divi Pumping system .. .. | 795 | 800 | .. | .. |
| | 5. Pennar River Canals system .. | 3,826 | 6,200 | 6,200 | 5,700 |
| | 6. Cumbum tank .. .. .. | .. | .. | .. | 2,000 |
| | 7. Chembrambakkam tank .. .. | 4 | .. | .. | .. |
| | 8. Poiney Anicut system .. .. | 663 | 1,100 | 1,500 | 1,100 |
| | 9. Cheyyar Anicut system .. .. | 330 | 2,600 | 2,600 | 3,600 |
| | 10. Thadapalli channel .. .. .. | 5,530 | 5,000 | 9,300 | .. |
| | 11. Arkenkota channel .. .. .. | 2,449 | 5,000 | 5,900 | .. |
| | 12. Kalingarayan channel .. .. | 4,972 | 10,000 | 29,700 | 1,600 |
| | 13. Tirukkoyilur Anicut system .. .. | 1,751 | 6,200 | 10,780 | 3,000 |
| | 14. Shatiatope Anicut system .. .. | — 107 | 400 | 400 | 180 |
| | 15. Mehmathur Anicut system .. .. | 385 | .. | .. | 2,400 |
| | 16. Vriddhachalam Anicut system .. | 588 | 1,300 | 700 | 4,600 |
| | 17. Toludur Project .. .. .. | 2,709 | 4,400 | 600 | 6,600 |
| | 18. Lower Coleroon Anicut system .. | 3,686 | 7,900 | 10,630 | 18,800 |
| | 19. Cauvery Delta system .. .. | 57,161 | { 54,550<br>*3,200 | 32,468<br>* 2,000 | 62,100<br>.. |
| | 20. Nandiyar Channel system .. .. | 265 | 300 | 300 | .. |
| | 21. Periyar system .. .. .. | 25,582 | 21,300 | 16,500 | 16,300 |
| | 22. Srivaikuntam Anicut system .. .. | 2,204 | 2,500 | 3,600 | 700 |
| | 23. Marudur Anicut system .. .. | 14,941 | 10,700 | 12,000 | 600 |
| | 24. Kattalai scheme .. .. .. | 10,121 | 28,600 | 9,900 | 10,000 |
| | 25. Polavaram Island Project .. .. | 5,100 | 2,700 | 2,700 | 100 |
| | 26. Cauvery-Mettur Project .. .. | 18,582 | 38,848 | 31,000 | 26,500 |
| | 27. Kistna East Bank Canal Extension Scheme .. .. .. .. | .. | .. | 2,800 | 4,200 |
| | Total .. | 3,15,502 | 5,71,398 | 4,89,598 | 3,05,998 |
| | *Deduct*—Old Maintenance Charges.† | — 75,278 | — 75,498 | — 58,898 | — 78,698 |
| Grand Total—XVII. a. Irrigation Works—Productive Works—Extensions and Improvements—Voted .. .. .. .. | | 2,40,224 | 4,91,900<br>+4,000 * | 4,14,000<br>+(a)16,700* | 2,27,300 |

* Represents cost of English Stores.
(a) Includes *minus* Rs. 100 for gain by exchange.
† Old maintenance charges have been fixed for each system as under—

| | RS. |
|---|---|
| Ganjam Minor Rivers system .. .. | 1,529 |
| Divi Pumping system .. .. .. | 49 |
| Pennar River Canals system .. .. | 3,909 |
| Chembrambakkam tank .. .. .. | 2,283 |
| Poiney Anicut system .. .. .. | 3,057 |
| Cheyyar Anicut system .. .. .. | 2,566 |
| Thadapalli channel .. .. .. | 3,569 |
| Arkenkota channel .. .. .. | 793 |
| Kalingarayan channel .. .. .. | 3,992 |
| Tirukkoyilur Anicut system .. .. | 1,972 |
| Shatiatope Anicut system .. .. | 64 |
| Mehmathur Anicut system .. .. | 126 |
| Lower Coleroon Anicut system .. .. | 2,427 |
| Cauvery Delta system .. .. | 44,500 |
| Nandiyar Channel system .. .. | 2,836 |
| Periyar system .. .. .. | 4,474 |
| Srivaikuntam Anicut system .. .. | 352 |
| Marudur Anicut system .. .. | 200 |
| Total .. | 78,698 |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

### b. Maintenance and Repairs.

| Sub-heads of appropriation. | Detailed account heads. | Figures by detailed account heads. | | | |
|---|---|---|---|---|---|
| | | Accounts, 1936–1937. | Budget Estimate, 1937–1938. | Revised Estimate, 1937–1938. | Budget Estimate, 1938–1939. |
| (1) | (2) | (3) | (4) | (5) | (6) |
| XVII. b. Maintenance and Repairs. | Maintenance and Repairs. | RS. | RS. | RS. | RS. |
| | 1. Chicacole Minor Rivers system .. | .. | 30,000 | 28,000 | 30,000 |
| | 2. Godavari Delta system .. .. | .. | 6,68,300 | 6,52,948 | 6,45,600 |
| | 3. Kistna Delta system .. .. .. | .. | 6,27,900 | 5,37,900 | 5,36,400 |
| | 4. Divi Pumping system .. .. .. | .. | 20,000 | .. | .. |
| | 5. Pennar River Canals system .. .. | .. | 91,000 | 1,01,000 | 91,000 |
| | 6. Cumbum tank .. .. .. .. | .. | 1,800 | 900 | 1,000 |
| | 7. Chembrambakkam tank .. .. | .. | 7,235 | 7,200 | 7,201 |
| | 8. Poiney Anicut system .. .. | .. | 20,000 | 28,100 | 20,000 |
| | 9. Cheyyar Anicut system .. .. | .. | 22,300 | 22,300 | 24,300 |
| | 10. Thadapalli channel .. .. .. | .. | 10,000 | 10,000 | 10,000 |
| | 11. Arkenkota channel .. .. .. | .. | 4,400 | 5,500 | 4,100 |
| | 12. Kalingarayan channel .. .. | .. | 10,500 | 10,500 | 10,500 |
| | 13. Tirukkoyilur Anicut system .. .. | .. | 19,000 | 21,800 | 19,000 |
| | 14. Shatiatope Anicut system .. .. | .. | 22,600 | 24,500 | 20,000 |
| | 15. Mehmathur Anicut system .. .. | .. | 3,400 | 10,200 | 4,800 |
| | 16. Vriddhachalam Anicut system .. | .. | 10,200 | 10,000 | 8,600 |
| | 17. Toludur Project .. .. .. | .. | 23,000 | 29,500 | 23,100 |
| | 18. Lower Coleroon Anicut system .. | .. | 1,05,900 | 1,05,903 | 92,500 |
| | 19. Cauvery Delta system .. .. | .. | 5,18,400 | 5,03,650 | 5,12,200 |
| | 20. Nandiyar Channel system .. .. | .. | 3,400 | 4,400 | 5,300 |
| | 21. Periyar system .. .. .. | .. | 1,14,000 | 1,18,000 | 1,14,000 |
| | 22. Srivaikuntam Anicut system .. .. | .. | 55,000 | 55,000 | 50,000 |
| | 23. Marudur Anicut system .. .. | .. | 14,700 | 16,100 | 15,000 |
| | 24. Kattalai scheme .. .. .. | .. | 61,300 | 67,700 | 71,000 |
| | 25. Polavaram Island Project .. .. | .. | 13,000 | 13,000 | 6,000 |
| | 26. Cauvery-Mettur Project .. .. | .. | 2,46,000 | 2,08,900 | 1,97,700 |
| | 27. Kistna East Bank Canal Extension Scheme .. .. .. .. | .. | .. | 36,200 | 28,200 |
| | Total .. | .. | 27,23,335 | 26,29,201 | 25,47,501 |
| | *Deduct*—Old Maintenance Charges.* | .. | —5,05,835 | — 4,96,301 | — 5,02,501 |
| GRAND TOTAL—XVII. b. IRRIGATION WORKS—PRODUCTIVE WORKS—MAINTENANCE AND REPAIRS—VOTED .. .. .. .. | | *8,548*<br>22,20,607 | 22,17,500 | 21,32,900 | 20,45,000 |

* Old maintenance charges have been fixed for each system as under—

| | RS. | | RS. | | RS. |
|---|---|---|---|---|---|
| Ganjam Minor Rivers system .. | 3,126 | Arkenkota channel .. .. | 100 | Periyar system .. .. .. | 21,422 |
| Divi Pumping system .. .. | 12,131 | Tirukkoyilur Anicut system .. | 2,960 | Srivaikuntam Anicut system .. | 5,208 |
| Pennar River Canals system .. | 25,744 | Shatiatope Anicut system .. .. | 1,580 | Marudur Anicut system .. .. | 4,500 |
| Cumbum tank .. .. .. | 793 | Mehmathur Anicut system .. .. | 510 | Kattalai Scheme .. .. .. | 48,500 |
| Chembrambakkam tank .. .. | 3,097 | Lower Coleroon Anicut system .. | 4,853 | | |
| Poiney Anicut system .. .. | 66 | Cauvery Delta system .. .. | 3,66,900 | Total . | 5,02,501 |
| Cheyyar Anicut system .. .. | 640 | Nandiyar Channel system .. .. | 371 | | |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—PRODUCTIVE WORKS—*cont.*

### c. ESTABLISHMENT.

| Sub-heads of appropriation. (1) | Strength. 1937–1938. (2) | Strength. 1938–1939. (3) | Details. (4) | Figures by detailed account heads. Accounts, 1936–1937. (5) | Budget Estimate, 1937–1938. (6) | Revised Estimate, 1937–1938. (7) | Budget Estimate, 1938–1939. (8) |
|---|---|---|---|---|---|---|---|
| | | | | RS. | RS. | RS. | RS. |
| c. A. SPECIAL ESTABLISHMENT. | | | VOTED . .. .. | | 900 | 900 | 900 |
| | 1 | 1 | Driver for shutter-lifting machines, Kistna anicut 1 (50—70). | | | | |
| | | | TOTAL—c. A.—VOTED .. | | 900 | 900 | 900 |
| c. B. METTUR TOWNSHIP ADMINISTRATION. | | | VOTED— | | | | |
| | | | *Add*—Proportionate charges on account of Mettur Township .. | | 19,400 | 12,200 | 15,300 |
| | | | TOTAL—c. B.—VOTED .. | | 19,400 | 12,200 | 15,300 |
| GRAND TOTAL—XVII. c. ESTABLISHMENT—VOTED .. | | | | | 20,300 | 13,100 | 16,200 |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS.

### d. EXTENSIONS AND IMPROVEMENTS.

| Sub-heads of appropriation. (1) | Detailed account heads. (2) | Figures by detailed account heads. Accounts, 1936–1937. (3) | Budget Estimate, 1937–1938. (4) | Revised Estimate, 1937–1938. (5) | Budget Estimate, 1938–1939. (6) |
|---|---|---|---|---|---|
| | EXTENSIONS AND IMPROVEMENTS. | RS. | RS. | RS. | RS. |
| XVII. d. EXTENSIONS AND IMPROVEMENTS. | 1. NAGAVALLI RIVER SYSTEM .. .. | 984 | 384 | 500 | 500 |
| | 2. MOPAD RESERVOIR .. .. .. | .. | 1,200 | 1,200 | 100 |
| | 3. MARKAPUR TANK .. .. .. | 426 | 500 | 200 | 450 |
| | 4. SAGILERU SYSTEM .. .. .. | 19 | .. | .. | .. |
| | 5. KURNOOL-CUDDAPAH CANAL .. .. | 2,583 | 9,600 | 8,500 | 834 |
| | 6. MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM .. .. .. .. | 469 | 5,000 | 100 | 4,500 |
| | 7. BARUR TANK .. .. .. .. | 127 | 200 | 200 | .. |
| | 8. PALAR ANICUT SYSTEM * .. .. | 78 | 800 | 800 | 2,500 |
| | 9. PELANDORAI ANICUT SYSTEM * .. .. | 700 | 300 | 300 | 1,100 |
| | 10. MUNIYERU SYSTEM .. .. .. | 1,462 | 1,100 | 8,414 | 1,000 |
| | 11. SIDDAPUR TANK .. .. .. | 2,312 | 200 | 150 | .. |
| | 12. VALLUR ANICUT .. .. .. | 86 | .. | .. | .. |
| | 13. BHAVANASI TANK .. .. .. | 35 | 600 | .. | .. |
| | 14. ATMAKUR TANK .. .. .. | .. | 500 | 400 | 800 |
| | 15. DONDAPAD TANK .. .. .. | 237 | 300 | 820 | .. |
| | 16. BASAVANNAH CHANNEL .. .. .. | .. | 1,800 | 1,000 | 800 |
| | TOTAL .. | 9,518 | 22,484 | 22,584 | 12,584 |
| | *Deduct*—OLD MAINTENANCE CHARGES.† | — 6,284 | — 6,284 | — 6,284 | — 6,284 |
| | GRAND TOTAL—XVII. d. IRRIGATION WORKS—UNPRODUCTIVE WORKS—EXTENSIONS AND IMPROVEMENTS—VOTED .. | 3,234 | 16,200 | 16,300 | 6,300 |

* Transferred to unproductive class in G.O. No. 1589 I., dated 16th June 1931.

† Old maintenance charges have been fixed permanently for each system as under—

| | RS. |
|---|---|
| Nagavalli river system .. .. | 1,432 |
| Anamasamudram-Beraperu tank .. | 28 |
| Markapur tank .. .. .. | 29 |
| Sagileru system .. .. .. | 500 |
| Kurnool-Cuddapah canal .. .. | 232 |
| Madras Water-supply and Irrigation system .. | 3,600 |
| Vallur anicut system .. .. .. .. | 226 |
| Palar anicut system .. .. .. | 178 |
| Pelandorai anicut system .. .. .. | 59 |
| Total .. | 6,284 |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—IRRIGATION WORKS—UNPRODUCTIVE WORKS—*cont.*

### e. Maintenance and Repairs.

| Sub-heads of appropriation. (1) | Detailed account heads. (2) | Accounts, 1936–1937. (3) | Budget Estimate, 1937–1938. (4) | Revised Estimate, 1937–1938. (5) | Budget Estimate, 1938–1939. (6) |
|---|---|---|---|---|---|
| | | Figures by detailed account heads. | | | |
| | Maintenance and Repairs. | RS. | RS. | RS. | RS. |
| XVII. e. Maintenance and Repairs. | 1. Nagavalli river system .. .. | 25,000 | 22,800 | 32,000 | 15,500 |
| | 2. Muniyeru system .. .. .. | 9,959 | 6,000 | 6,000 | 6,000 |
| | 3. Bhavanasi tank .. .. .. | 1,227 | 1,200 | 1,200 | 1,000 |
| | 4. Ponnalur tank .. .. .. | 2,002 | 1,800 | 1,900 | 1,000 |
| | 5. Hajipuram tank .. .. .. | 477 | 500 | 300 | 300 |
| | 6. Mopad reservoir .. .. .. | 7,001 | 7,000 | 6,200 | 5,000 |
| | 7. Markapur tank .. .. .. | 1,758 | 1,750 | 1,900 | 2,500 |
| | 8. Siddapur tank .. .. .. | 600 | 800 | 600 | 600 |
| | 9. Venkatapuram tank .. .. .. | 366 | 500 | 700 | 400 |
| | 10. Sagileru system .. .. .. | 4,616 | 3,000 | 2,900 | 4,600 |
| | 11. Kurnool-Cuddapah canal .. .. | 64,313 | 64,300 | 69,995 | 69,995 |
| | 12. Yellanur tank system .. .. | 445 | 500 | 500 | 500 |
| | 13. Madras Water-supply and Irrigation system .. .. .. .. | 17,498 | 15,000 | 14,000 | 13,000 |
| | 14. Vallur anicut system .. .. | 2,822 | 3,000 | 2,000 | 3,500 |
| | 15. Barur tank .. .. .. .. | 10,056 | 20,000 | 19,000 | 6,000 |
| | 16. Kanniyampalayam anicut .. .. | 66 | 1,500 | 600 | 1,000 |
| | 17. Panjapatti reservoir .. .. .. | 142 | 45 | .. | .. |
| | 18. Palar anicut system * .. .. | 78,245 | 56,600 | 61,900 | 56,600 |
| | 19. Pelandorai anicut system * .. .. | 10,155 | 12,000 | 12,500 | 12,000 |
| | 20. Jangamaheswarapuram tank .. .. | 194 | .. | .. | 300 |
| | 21. Atmakur tank .. .. .. | 106 | .. | .. | 300 |
| | 22. Nagavaram anicut and supply channel. | 1,782 | 400 | 800 | 500 |
| | 23. Anamasamudram-Beraperu tank .. | 593 | 600 | 600 | 600 |
| | 24. Yerur tank .. .. .. | 400 | 2,000 | 2,000 | 4,000 |
| | 25. Basavannah channel .. .. | 9,314 | 10,000 | 10,000 | 10,000 |
| | 26. Dondapad .. .. .. .. | 29 | .. | .. | 100 |
| | Total .. | 2,49,166 | 2,31,295 | 2,47,595 | 2,15,295 |
| | *Deduct*—Old Maintenance Charges. † | —11,195 | —11,195 | —11,195 | —11,195 |
| GRAND TOTAL—XVII. e. IRRIGATION WORKS—UNPRODUCTIVE WORKS—MAINTENANCE AND REPAIRS—VOTED .. | | 262<br>2,37,709 | 2,20,100 | 2,36,400 | 2,04,100 |

* Transferred to unproductive class in G.O. No. 1589 I., dated 16th June 1931.
† Old maintenance charges have been fixed permanently for each system as under—

| | RS. | | RS. |
|---|---|---|---|
| Nagavalli river system .. .. | 1,462 | Madras Water-supply and Irrigation system .. | 200 |
| Muniyeru river system .. .. | 222 | Vallur anicut system .. .. .. .. | 1,077 |
| Anamasamudram-Beraperu tank .. | 612 | Palar anicut system .. .. .. .. | 2,909 |
| Markapur tank .. .. .. .. | 213 | Pelandorai anicut system .. .. .. | 58 |
| Sagileru system .. .. .. .. | 1,685 | | |
| Kurnool-Cuddapah canal .. .. | 2,757 | Total .. | 11,195 |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—UNPRODUCTIVE WORKS.

| Sub-heads of appropriation. (1) | Details. (2) | Figures by detailed account heads. Accounts, 1936–1937. (3) | Budget Estimate, 1937–1938. (4) | Revised Estimate, 1937–1938. (5) | Budget Estimate, 1938–1939. (6) |
|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. |
| f. Extensions and Improvements. | Buckingham Canal .. .. .. | — 1,595 | 10,000 | 10,000 | 4,500 |
| | TOTAL—XVII. f. EXTENSIONS AND IMPROVEMENTS—VOTED. | — 1,595 | 10,000 | 10,000 | 4,500 |
| g. Maintenance and Repairs. | 1. Buckingham Canal .. .. .. | 1,77,314 | 2,03,600 | 2,15,000 | 2,20,000 |
| | 2. Vedaranniyam Canal .. .. .. | 11,113 | 11,500 | 5,000 | 6,900 |
| | | *487* | | | |
| | TOTAL—XVII. g. MAINTENANCE AND REPAIRS—VOTED .. | 1,87,940 | 2,15,100 | 2,20,000 | 2,26,900 |

## XVII—IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—WORKING EXPENSES.

Establishment.

| | | | | | |
|---|---|---|---|---|---|
| Establishment. | Charges for distribution of water. *Charged* .. | | *75,000* | *72,600* | *74,100* |
| | Voted .. | | 2,42,400 | 2,48,400 | 2,46,900 |
| | Establishment on pro-rata basis. *Charged* .. | | *1,82,200* | *1,74,800* | *1,80,100* |
| | Voted .. | | 5,88,900 | 5,97,900 | 6,00,100 |
| | GRAND TOTAL—XVII. ESTABLISHMENT. | 11,58,167 | 10,88,500 | 10,93,700 | 11,01,200 |
| | *Charged* .. | *2,65,499* | *2,57,200* | *2,47,400* | *2,54,200* |
| | Voted .. | 8,92,668 | 8,31,300 | 8,46,300 | 8,47,000 |
| | Distribution of total Establishment charges as between Productive and Unproductive— | | | | |
| | Irrigation— | | | | |
| | Productive .. .. *Charged* .. | *2,34,310* | *2,24,000* | *2,13,600* | *2,17,900* |
| | Voted .. | 8,02,062 | 7,24,400 | 7,30,700 | 7,25,900 |
| | Unproductive .. *Charged* .. | *17,806* | *20,400* | *20,600* | *21,300* |
| | Voted .. | 59,554 | 65,600 | 70,500 | 71,100 |
| | Navigation— | | | | |
| | Unproductive *Charged* .. | *13,383* | *12,800* | *13,200* | *15,000* |
| | Voted .. | 31,052 | 41,300 | 45,100 | 50,000 |
| | Total .. *Charged* .. | *2,65,499* | *2,57,200* | *2,47,400* | *2,54,200* |
| | Voted .. | 8,92,668 | 8,31,300 | 8,46,300 | 8,47,000 |

## 18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT.

PUBLIC WORKS DEPARTMENT—a. WORKS.

| SUB-HEADS of appropriation. | Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] | Figures by detailed account heads. Amount of estimate. | Accounts to end of 1936–1937. | Budget Estimate, 1937–1938. | Revised Estimate, 1937–1938. | Budget Estimate, 1938–1939. |
|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| | MAJOR WORKS. | RS. | RS. | RS. | RS. | RS. |
| 18. a. WORKS. | 1. *Godavari Northern.*—Construction of a reservoir in Annavaram village, Peddapur taluk—G.O. No. 740 I., dated 28th March 1933 .. | 22,300 | 9,545 | 4,600 | 3,000 | 6,200 |
| | 2. *Kistna Central.*—Improvement to the new supply channel to the Jaggayyapeta tank —C.E.I.'s Memorandum No. 123/27-C.E.P., dated 5th October 1931 .. | 11,560 | 4,741 | 400 | 400 | .. |
| | Government share Rs. 7,231<br>Ryots' share .. „ 4,329 | | | | | |
| | 3. *Guntur.*—Improvements to Yerra Kalva—G.O. No. 736 I., dated 23rd March 1935 .. | 19,000 | 10,106 | 5,000 | 5,800 | .. |
| | Government share Rs. 16,830<br>Contribution .. „ 2,070 | T.S. 17,500<br>W.S. 17,530 | | | | |
| | 4. *Nellore.*—Formation of a new tank in the Gandamadakala village, Udayagiri taluk—G.O. Ms. No. 801 I., dated 28th March 1936 .. .. .. | 43,850 | 48 | 12,000 | 9,000 | 15,000 |
| | 5. *Kurnool.*—Restoration of Peddasettipalli channel in Proddatur taluk, Cuddapah district—G.O. No. 248 I., dated 30th January 1933 .. .. .. | 44,900 | 21,083 | 9,000 | 7,500 | 2,800 |
| | Government share Rs. 39,067<br>Ryots' share .. „ 5,833 | | | | | |
| | 6. *Kurnool.*—Restoration of Kothapalli spring channel —Chief Engineer's Memorandum No. 248/31-C-13, dated 17th February 1932. | 22,800 | 16,217 | 500 | 200 | .. |
| | Government share Rs. 17,300.<br>Contribution .. „ 5,500 | W.S. 18,930<br>S.E. 3,550 | | | | |
| | 7. *Madanapalle.*—Restoration of Peddacheruvu in the Reddipalli village, Kadiri taluk, Anantapur district —G.O. No. 735 I., dated 23rd March 1935 .. | 12,800 | 10,503 | 4,000 | 5,800 | .. |
| | | W.S. 12,300 | | | | |
| | 8. *South Arcot.*—Construction of a protective bund along the foreshore of the French Archivak tank—C.E.I.'s Memorandum No. 2097/28-B-24, dated 22nd December 1932, and G.O. No. 706 I., dated 22nd March 1933 | 21,210<br>W.S. 20,600 | 2,467 | 8,900 | .. | 500 |
| | French share .. Rs. 8,035<br>British share .. „ 12,565 | | | | | |
| | Carried over .. | .. | .. | 44,400 | 31,700 | 24,500 |

T.S. = Technical sanction. W.S. = Work slip. S.E. = Supplemental Estimate.

18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT—*cont.*

PUBLIC WORKS DEPARTMENT—a. WORKS—*cont.*

| Sub-heads of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Amount of estimate. (3) | Accounts to end of 1936–1937. (4) | Budget Estimate, 1937–1938. (5) | Revised Estimate, 1937–1938. (6) | Budget Estimate, 1938–1939. (7) |
|---|---|---|---|---|---|---|
| | MAJOR WORKS—*cont.* | RS. | RS. | RS. | RS. | RS. |
| | Brought forward | .. | .. | 44,400 | 31,700 | 24,500 |
| 18. a. WORKS—*cont.* | 9. *South Arcot.*—Construction of an anicut across the Gadilam river—G.O. No. 826 I., dated 30th April 1936 .. .. .. | 26,159 | .. | 8,500 | 8,500 | .. |
| | Government share .. Rs. 10,281<br>Contribution .. „ 4,879 | T.S. 15,160 | | | | |
| | 10. *Trichinopoly.*—Improvements to the Musiri Nattu voikal—G.Os. No. 358 I., dated 21st October 1924, and No. 1226 (20-S) I., dated 1st June 1933 .. .. | 46,460 | 36,649 | 3,300 | 3,600 | .. |
| | 11. *Trichinopoly.*—Excavation of the Puduvaithalai high level channel for the irrigation of sanded areas of the Murungapettai block—G.O. No. 771 I., dated 17th March 1931 .. .. | 73,000 | 56,795 | 4,500 | 8,000 | 3,000 |
| | | D.S. 58,000 | | | | |
| | 12. *Trichinopoly.*—Restoring the Neiveli anicut and channel and improving Neiveli, Sitambur and Komangalam tanks—G.O. No. 770 I., dated 17th March 1931 .. .. .. | 38,000 | 29,922 | 3,100 | .. | .. |
| | | D.S. 34,250 | | | | |
| (N) | 13. *Salem Division.*—Construction of an anicut across the Hebbahalla river in the Kollegal taluk, Coimbatore district .. .. | 12,500 | .. | .. | .. | 12,500 |
| | TOTAL—MAJOR WORKS .. | | .. | 63,800 | 51,800 | 40,000 |
| | MINOR WORKS. | | | | | |
| | Public Works Department Works and Revenue Department Works in charge of Public Works Department .. .. | | .. | 31,400 | 28,800 | 5,700 |
| GRAND TOTAL—18. a. IRRIGATION WORKS—PUBLIC WORKS DEPARTMENT—WORKS—VOTED .. | | | 53,009 | 95,200 | 80,600 | 45,700 |

PUBLIC WORKS DEPARTMENT—b. EXTENSIONS AND IMPROVEMENTS.

| Sub-heads of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Accounts, 1936–1937. (3) | Budget Estimate, 1937–1938. (4) | Revised Estimate, 1937–1938. (5) | Budget Estimate, 1938–1939. (6) |
|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. |
| EXTENSIONS AND IMPROVEMENTS. | PUBLIC WORKS DEPARTMENT WORKS .. | 76,934 | 85,700 | 46,600 | 57,300 |
| | REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT .. .. | 104 | .. | 3,500 | 900 |
| | OLD MAINTENANCE CHARGES .. .. .. | 81,562 | 81,800 | 65,200 | 85,000 |
| GRAND TOTAL—18. b. IRRIGATION WORKS—PUBLIC WORKS DEPARTMENT—EXTENSIONS AND IMPROVEMENTS—VOTED .. | | 1,58,600 | 1,67,500 | 1,15,300 | 1,43,200 |

D.S. = Deviation Statement. T.S. = Technical sanction. (N) = New Work.

## 18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT—*cont.*

PUBLIC WORKS DEPARTMENT—c. MAINTENANCE AND REPAIRS.

| Sub-heads of appropriation. (1) | Detailed account heads. [The provision for each detailed account head should be treated as a specific appropriation.] (2) | Figures by detailed account heads. Accounts, 1936–1937. (3) | Budget Estimate, 1937–1938. (4) | Revised Estimate, 1937–1938. (5) | Budget Estimate, 1938–1939. (6) |
|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. |
| MAINTENANCE AND REPAIRS. | PUBLIC WORKS DEPARTMENT, WORKS .. | 55<br>10,01,922 | 8,98,900 | 9,63,100 | 7,47,700 |
| | TANK RESTORATION SCHEME REPAIRS .. | 21,112 | 45,100 | 22,500 | 29,200 |
| | REVENUE DEPARTMENT WORKS IN CHARGE OF PUBLIC WORKS DEPARTMENT .. .. .. | 22,366 | 36,300 | 24,600 | 2,300 |
| | OLD MAINTENANCE CHARGES .. .. .. | 5,16,693 | 5,17,000 | 5,07,500 | 5,13,700 |
| GRAND TOTAL—18. c. IRRIGATION WORKS—PUBLIC WORKS DEPARTMENT—MAINTENANCE AND REPAIRS—VOTED .. .. .. .. | | 55<br>15,62,093 | 14,97,300 | 15,17,700 | 12,92,900 |

## 18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE.

PUBLIC WORKS DEPARTMENT—d. ESTABLISHMENT.

| Sub-heads of appropriation. (1) | Strength. 1937–1938. (2) | Strength. 1938–1939. (3) | Details. (4) | Figures by detailed heads. Accounts, 1936–1937. (5) | Budget Estimate, 1937–1938. (6) | Revised Estimate, 1937–1938. (7) | Budget Estimate, 1938–1939. (8) |
|---|---|---|---|---|---|---|---|
| | | | | RS. | RS. | RS. | RS. |
| d. A. PAY OF OFFICERS AND ESTABLISHMENTS. | | | CHARGED— | | | | |
| | | | VOTED— | | | | |
| | | | Pay of Officers, etc. .. .. | 21,027 | 6,300 | 18,600 | 14,400 |
| | | | TOTAL—d. A.—VOTED .. | 21,027 | 6,300 | 18,600 | 14,400 |
| d. B. OTHER CHARGES. | | | TOTAL—d. B—VOTED .. | 9,390 | 4,900 | 14,900 | 5,600 |
| GRAND TOTAL—18. d. IRRIGATION WORKS—MISCELLANEOUS EXPENDITURE—PUBLIC WORKS DEPARTMENT—ESTABLISHMENT—VOTED .. .. | | | | 30,417 | 11,200 | 33,500 | 20,000 |

## 18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—IRRIGATION WORKS.

MINOR IRRIGATION—j. ESTABLISHMENT.

| Sub-heads of appropriation. (1) | Strength. 1937–1938. (2) | Strength. 1938–1939. (3) | Details. (4) | Accounts, 1936–1937. (5) | Budget Estimate, 1937–1938. (6) | Revised Estimate, 1937–1938. (7) | Budget Estimate, 1938–1939. (8) |
|---|---|---|---|---|---|---|---|
| | | | A. ORDINARY AREAS. | RS. | RS. | RS. | RS. |
| j. A. 1. PAY OF ESTABLISHMENTS. | | | VOTED— | | | | |
| | | | PERMANENT .. .. .. | 1,69,021 | 1,67,100 | 1,71,100 | 1,71,000 |
| | 129 | 129 | Supervisors 6 (150—5—200—10—220); 5 (125—10/2—175—15/2—190); Overseers 88 (50—2½—100), 1 (60—2½—100), 19 (50—4/2—90), 10 (30—5/2—80) .. | | | | |
| | 16 | 16 | Clerk-draughtsmen 14 (35—60), 1 (30—55); Maistri 1 (30) .. | | | | |
| | 130 | 130 | Lascars (12—18) .. .. | | | | |
| | | | Leave allowance .. .. | | | | |
| | | | TEMPORARY .. .. .. | 15,978 | 14,000 | 13,000 | 13,000 |
| | | | TOTAL—j. A. 1. VOTED .. | 1,84,999 | 1,81,100 | 1,84,100 | 1,84,000 |
| j. A. 2. OTHER CHARGES. | | | VOTED— | | | | |
| | | | TRAVELLING ALLOWANCES .. | 3,181 | 2,500 | 3,200 | 2,900 |
| | | | FIXED TRAVELLING ALLOWANCES .. | 44,844 | 43,400 | 43,400 | 43,400 |
| | | | CONTINGENCIES .. .. .. | 1,701 | 5,400 | 3,700 | 2,900 |
| | | | TOTAL—j. A. 2. VOTED .. | 49,726 | 51,300 | 50,300 | 49,200 |
| | | | TOTAL—j. A.—ORDINARY AREAS—VOTED .. | 2,34,725 | 2,32,400 | 2,34,400 | 2,33,200 |
| | | | B. PARTIALLY EXCLUDED AREAS. | | | | |
| j. B. PAY OF ESTABLISHMENTS AND OTHER CHARGES. | | | VOTED— | | | | |
| | | | PERMANENT .. .. .. | | 900 | 900 | 1,000 |
| | 2 | 2 | Overseer 1 (50—2½—100); Lascar 1 (12—18) .. .. .. | | | | |
| | | | TEMPORARY .. .. .. | | 3,000 | 3,100 | 3,100 |
| | | | OTHER CHARGES— | | | | |
| | | | TRAVELLING ALLOWANCES .. | | 100 | 300 | 200 |
| | | | FIXED TRAVELLING ALLOWANCES. | | 1,600 | 1,600 | 1,600 |
| | | | CONTINGENCIES .. .. | | 100 | .. | 100 |
| | | | TOTAL—j. B.—PARTIALLY EXCLUDED AREAS—VOTED. | | 5,700 | 5,900 | 6,000 |
| GRAND TOTAL—18. j. IRRIGATION WORKS—MINOR IRRIGATION—ESTABLISHMENT—VOTED .. .. | | | | 2,34,725 | 2,38,100 | 2,40,300 | 2,39,200 |

## 18. IRRIGATION—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT.

PUBLIC WORKS DEPARTMENT—m. WORKS.

| Sub-heads of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2) | Amount of estimate. (3) | Figures by detailed account heads. Accounts to end of 1936–1937. (4) | Budget Estimate, 1937–1938. (5) | Revised Estimate, 1937–1938. (6) | Budget Estimate, 1938–1939. (7) |
|---|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. | RS. |
| | MAJOR WORKS. | | | | | |
| 18. m. WORKS.. | *West Coast Division.*—Construction of two tidal locks in the West Coast Canal—G.O. Ms. No. 723 I., dated 22nd March 1935 .. .. .. | A.S. 38,000<br>T.S. 40,500 | 23,809 | 10,000 | 18,300 | .. |
| | TOTAL—MAJOR WORKS .. | | | 10,000 | 18,300 | .. |
| | MINOR WORKS .. | | .. | 3,000 | 1,700 | 300 |
| GRAND TOTAL—18. m. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—WORKS—VOTED .. .. .. | | | | 13,000 | 20,000 | 300 |

## 19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—A.—FINANCED FROM FAMINE RELIEF FUND—IRRIGATION WORKS a. UNPRODUCTIVE WORKS.

| | | | | | | |
|---|---|---|---|---|---|---|
| A. a. THIPPAYAPALEM PROJECT. | *Kurnool.*—Thippayapalem Reservoir—G.O. No. 1103 I., dated 25th April 1931 and No. 2009, P.W.D., dated 26th August 1936 .. .. .. | 4,67,600 | 3,19,987 | 75,000 | 1,11,000 | 3,000 |
| | TOTAL—A. a. THIPPAYAPALEM PROJECT .. | | | 75,000 | 1,11,000 | 3,000 |
| GRAND TOTAL—19 A. a. IRRIGATION WORKS—UNPRODUCTIVE WORKS—VOTED .. | | | | 75,000 | 1,11,000 | 3,000 |

A.S. = Administrative sanction. T.S. = Technical sanction.

## 19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE.

### a. Works.

| Sub-heads of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Amount of Estimate. (3) | Accounts to end of 1936-1937. (4) | Budget Estimate, 1937-1938. (5) | Revised Estimate, 1937-1938. (6) | Budget Estimate, 1938-1939. (7) |
|---|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. | RS. |
| a. A. Godavari Delta System. | 1. *Godavari Western.*—Providing means of irrigation to the assessed waste lands proposed for second-crop cultivation—G.O. No. 1989 I., dated 5th August 1931. | 19,100 | 12,063 | 400 | .. | .. |
| | 2. *Godavari Western.*—Excavating the Kakinada drain—G.O. No. 257 I., dated 28th January 1930. | 20,150<br>W.S. 17,540 | 10,779 | 1,200 | 800 | 400 |
| | 3. *Godavari Eastern.*—Constructing a Lock and Regulator across the Cocanada Canal below the head of the Samalkota Canal—G.O. No. 734 I., dated 23rd March 1935. | 54,000 | 25,134 | 26,100 | 8,300 | 13,200 |
| | 4. *Godavari Eastern.*—Reconstructing the bridge over Injaram canal at mile 27/1 near Venkatapapalem—G.O. No. 2071 I., dated 2nd September 1936— | 21,000 | 177 | 11,000 | 16,600 | — 5,500 |
| | RS.<br>"19." Government share. 12,020<br>East Godavari District Board. 3,480<br>XVII. Extensions and Improvements. 5,500 | | | | | |
| | 5. Minor works .. .. | | .. | 10,900 | 5,900 | 6,000 |
| | Total—a. A. Godavari Delta System. | | | 49,600 | 31,600 | 14,100 |
| a. B. Polavaram Island Project. | *Godavari Central*—Extending the north and south embankments of the Polavaram Island and constructing out fall sluices—G.O. No. 265 I., dated 31st January 1934. | 68,400 | 53,675 | 9,000 | 2,200 | 800 |
| | Total—a. B. Polavaram Island Project. | | | 9,000 | 2,200 | 800 |
| a. C. Kistna Delta System. | 1. *Kistna Western.*—Excavating a straight cut for the Kollimerla drain—G.O. No. 791 W., dated 27th March 1936. | 54,000 | 18,905 | 37,500 | 32,300 | 1,000 |
| | 2. Minor works .. .. | | | 1,000 | 2,500 | 3,800 |
| | Total—a. C. Kistna Delta System .. | | | 38,500 | 34,800 | 4,800 |
| | Minor works .. .. | | | 400 | 400 | .. |
| a. D. Pennar River Canals System. | Total—a. D. Pennar River Canals System. | | | 400 | 400 | .. |
| a. E. Cauvery Delta System. | 1. *Vennar.*—Construction of a regulator across the Odambokkiyar—G.O. No. 652 I., dated 16th March 1933. | 41,500<br>T.S 40,500 | 37,591 | .. | 2,300 | .. |
| | 2. *Vennar.*—Remodelling the third reach of the Pandavayar—G.O. No. 715 I., dated 21st March 1935. | 37,760<br>T.S. 38,090 | 20,896 | 12,000 | 10,100 | .. |
| | Carried over .. | | | 12,000 | 12,400 | .. |

W. S. = Workslip. T.S. = Technical Sanction.

## 19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—*cont.*

### a. WORKS—*cont.*

| SUB-HEADS of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Amount of estimate. (3) | Accounts to end of 1936–1937. (4) | Budget Estimate, 1937–1938. (5) | Revised Estimate, 1937–1938. (6) | Budget Estimate, 1938–1939. (7) |
|---|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. | RS. |
| | Brought forward .. | | | 12,000 | 12,400 | .. |
| a. E. CAUVERY DELTA SYSTEM—*cont.* | 3. *Vennar Division.*—Remodelling the Odambokkiyar river from the new regulator at 74/50 to the Kivalurdam at 89/0—G.O. Ms. No. 2068, dated 2nd September 1936. '19.' Government share .. .. Rs. 72, 300; East Tanjore District Board and Tiruvarur Municipality .. Rs. 7,700; XVII-E. & I. .. Rs. 2,200; XVII M. & R. .. Rs. 6,500 | 88,700 | 2,904 | 27,000 | 30,300 | 32,000 |
| | 4. *Cauvery.*—Construction of regulators across the Nattar and Vanjiyar at the Vanjiyar head. Government share .. Rs. 8,100; Contribution by French Government .. Rs. 8,000 | 16,100 | .. | 1,000 | 100 | 7,500 |
| (N) | 5. *Cauvery.*—Construction of a regulator across the Cauvery below the Vikramanar head. | 23,500 | .. | .. | .. | 19,400 |
| (N) | 6. *Cauvery.*—Construction of a regulator across the Pudumanniar (Palavar III reach) below Uppan dam. | 22,000 | .. | .. | .. | 18,000 |
| | 7. Minor works . .. | | | 8,200 | 6,000 | .. |
| | TOTAL—a. E. CAUVERY DELTA SYSTEM .. | | | 48,200 | 48,800 | 76,900 |
| a. F. SHATIATOPE ANICUT SYSTEM. | Minor works .. .. | | | .. | 200 | .. |
| | TOTAL—a. F. SHATIATOPE ANICUT SYSTEM .. | | | .. | 200 | .. |
| a. G. TOLUDUR RESERVOIR SYSTEM. | 1. *South Arcot.*—Acquisition of land for field channels in the Toludur Project area for development of irrigation—G.O. No. 865 I., dated 31st March 1936. | 31,360 / T.S. 43,000 | 1,814 | 40,700 | 4,000 | 3,000 |
| | 2. Minor works .. .. | | | 300 | 300 | .. |
| | TOTAL—a. G. TOLUDUR RESERVOIR SYSTEM .. | | | 41,000 | 4,300 | 3,000 |
| a. H. KATTALAI SCHEME. | Minor Works .. .. .. | | | 6,200 | .. | .. |
| | TOTAL—a. H. KATTALAI SCHEME .. | | | 6,200 | .. | .. |
| a. J. KISTNA EAST BANK CANAL EXTENSION SCHEME. | Minor works .. .. .. | | | .. | .. | 1,200 |
| | TOTAL—a. J. KISTNA EAST BANK CANAL EXTENSION SCHEME .. .. | | | .. | .. | 1,200 |
| GRAND TOTAL—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—PRODUCTIVE—a. WORKS—VOTED .. | | | | 1,92,900 | 1,22,300 | 1,00,800 |

(N) = New work.

## 19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE.

### b. WORKS.

| Sub-heads of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Amount of Estimate. (3) | Accounts to end of 1936–1937. (4) | Budget Estimate, 1937–1938. (5) | Revised Estimate, 1937–1938. (6) | Budget Estimate, 1938–1939. (7) |
|---|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. | RS. |
| b. A. NAGAVALLI RIVER SYSTEM. | 1. *Vizagapatam.*—Excavating the Palavalasa distributary—G.O. No. 522 I., dated 29th February 1932. | 17,000<br>17,700 (II W.S.) | 10,551 | 5,000 | 5,000 | 2,000 |
| | 2. Minor works .. .. | .. | | 5,000 | 2,000 | 3,500 |
| | TOTAL—b. A. NAGAVALLI RIVER SYSTEM. | .. | | 10,000 | 7,000 | 5,500 |
| b. B. BASAVANNAH CHANNEL. | *Bellary.*—Improvements and extensions of Basavannah channel—G.Os. No. 445 I., dated 19th December 1924, No. 2350 I., dated 24th September 1928, and No. 2567 I., dated 25th November 1933. | 4,68,725 (II Revised Estimate). | 4,64,552 | 300 | 3,000 | .. |
| | TOTAL—b. B. BASAVANNAH CHANNEL .. | .. | | 300 | 3,000 | .. |
| b. C. MUNIYERU SYSTEM. | Minor works .. .. | | | 2,500 | 2,000 | 1,000 |
| | TOTAL—b. C. MUNIYERU SYSTEM .. | | | 2,500 | 2,000 | 1,000 |
| b. D. BARUR TANK. | Minor works .. .. | | | 2,400 | 3,700 | .. |
| | TOTAL—b. D. BARUR TANK .. | | | 2,400 | 3,700 | .. |
| b. E. PALAR ANICUT SYSTEM. | *North Arcot.*—Excavating a separate supply channel to Damal tank—G.O. No. 789 I., dated 27th March 1936. | T.S. 28,794 (Govt. share Rs. 20,079.) | | 10,800 | .. | 16,800 |
| | TOTAL—b. E. PALAR ANICUT SYSTEM .. | | | 10,800 | .. | 16,800 |

W.S. = Workslip. T.S. = Technical sanction.

## 19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—*cont.*

b. WORKS—*cont.*

| Sub-heads of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Amount of estimate. (3) | Accounts to end of 1936–1937. (4) | Budget Estimate, 1937–1938. (5) | Revised Estimate, 1937–1938. (6) | Budget Estimate, 1938–1939. (7) |
|---|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. | RS. |
| b. F. DUVVALERU PROJECT. | *Kurnool Division.*—Duvvaleru Project—G.O. Ms. No. 2098, dated 7th September 1936. | 1,14,000<br>W.S. 98,000 | 56 | 50,000 | 10,000 | 50,000 |
| | TOTAL—b. F. DUVVALERU PROJECT .. | .. | .. | 50,000 | 10,000 | 50,000 |
| b. G. MOPAD PROJECT. | Minor works .. .. .. | .. | .. | .. | 100 | .. |
| | TOTAL—b. G. MOPAD PROJECT .. | .. | .. | .. | 100 | .. |
| GRAND TOTAL—IRRIGATION WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—b. WORKS—VOTED .. .. .. | | | .. | 76,000 | 25,800 | 73,300 |

## 19. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE.

c. WORKS.

| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|---|---|---|---|---|---|---|
| c. BUCKINGHAM CANAL. | Minor works .. .. .. | .. | .. | .. | .. | 2,000 |
| | TOTAL—c. BUCKINGHAM CANAL .. | .. | .. | .. | .. | 2,000 |
| GRAND TOTAL—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—B. FINANCED FROM ORDINARY REVENUES—UNPRODUCTIVE—c. WORKS—VOTED .. .. .. | | .. | .. | .. | .. | 2,000 |

## DEMAND XXXI—CAPITAL OUTLAY ON IRRIGATION.

ESTIMATE OF THE AMOUNTS REQUIRED FOR EXPENDITURE IN 1938–1939.

DEMAND FOR GRANT (VOTED) .. .. Rs. 6,62,100

*Total of sums Charged* .. .. .. *Rs. 3,600*

## 68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

Summary by Minor Heads and Sub-heads of appropriation.

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| IRRIGATION WORKS—PRODUCTIVE. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 68. a. WORKS— | | | | | | | | |
| A. GODAVARI DELTA SYSTEM .. | .. | 2,17,194 | .. | — 73,000 | .. | — 79,600 | .. | 95,400 |
| B. KISTNA DELTA SYSTEM .. .. | .. | .. | .. | 5,52,500 | .. | 4,10,200 | .. | 3,43,500 |
| C. KISTNA EAST BANK CANAL EXTENSION SCHEME .. | .. | 10,67,608 | .. | 1,48,700 | .. | 1,92,500 | .. | 36,000 |
| D. PENNAR RIVER CANALS SYSTEM .. | .. | 16,286 | .. | 50,000 | .. | 40,000 | .. | 40,000 |
| E. KATTALAI SCHEME. | .. | 27,061 | .. | 30,400 | .. | 16,600 | .. | 45,000 |
| F. CAUVERY-METTUR PROJECT .. | .. | 1,18,469 | .. | 1,09,900 | .. | 1,05,200 | .. | 77,300 |
| TOTAL—68. a. .. | .. | † 14,49,842 | .. | 8,18,500 | .. | 6,84,900 | .. | 6,37,200 |
| 68. LUMP ADDITION FOR REGRANT OF LAPSES .. | .. | .. | .. | 2,500 | .. | .. | .. | 2,500 |
| 68. LUMP DEDUCTION FOR PROBABLE SAVINGS .. | .. | .. | .. | — 2,500 | .. | .. | .. | — 2,500 |

† Includes Rs. 3,224 relating to the Cauvery Delta System.

## 68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont.*

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936-1937. | | Budget Estimate, 1937-1938. | | Revised Estimate, 1937-1938. | | Budget Estimate, 1938-1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| IRRIGATION WORKS—PRODUCTIVE—*cont.* | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 68. b. ESTABLISHMENT— | | | | | | | | |
| A. SPECIAL ESTABLISHMENT— | | | | | | | | |
| I. KISTNA EAST BANK CANAL AND PEDDALANKA CHANNEL SCHEMES .. .. | *11,547* | 74,009 | .. | 28,700 | .. | 28,700 | .. | .. |
| II. CAUVERY-METTUR PROJECT .. .. | *16,975* | 35,503 | *5,100* | 9,900 | *1,300* | 27,000 | .. | 4,000 |
| TOTAL—68. b. A. .. | *28,522* | 1,09,512 | *5,100* | 38,600 | *1,300* | 55,700 | .. | 4,000 |
| B. PENSION CHARGES— | | | | | | | | |
| 1. KISTNA EAST BANK CANAL, ETC., SCHEMES .. .. | | | .. | 2,400 | .. | 2,500 | .. | .. |
| 2. CAUVERY-METTUR PROJECT .. .. | | | *600* | 1,100 | *200* | 3,100 | .. | 500 |
| 3. OTHER WORKS .. | | | *3,200* | 10,300 | *2,600* | 8,900 | *3,600* | 12,000 |
| TOTAL—68. b. B. .. | *10,528* | 24,489 | *3,800* | 13,800 | *2,800* | 14,500 | *3,600* | 12,500 |
| TOTAL—68. b. .. | *39,050* | 1,34,001 | *8,900* | 52,400 | *4,100* | 70,200 | *3,600* | 16,500 |
| 68. c. TOOLS AND PLANT. | .. | 1,122 | .. | 200 | .. | 100 | .. | .. |
| 68. d. SUSPENSE .. | | —23,095 | .. | —30,000 | .. | —40,000 | .. | —20,000 |
| 68. e. *Deduct*—RECOVERIES ON CAPITAL ACCOUNT | | —1,47,837 | .. | —1,00,000 | .. | —1,67,400 | .. | —51,500 |
| 68. f. CHARGES IN ENGLAND— | | | | | | | | |
| HIGH COMMISSIONER FOR INDIA— | | | | | | | | |
| A. LEAVE SALARIES AND DEPUTATION PAY .. .. | *14,942* | | .. | .. | *9,400* | .. | .. | .. |
| B. STERLING OVERSEAS PAY .. .. | *592* | | .. | .. | .. | .. | .. | .. |
| TOTAL—68. f. .. | *15,534* | | .. | .. | *9,400* | .. | .. | .. |
| 68. g. LOSS OR GAIN BY EXCHANGE .. | *— 82* | | .. | .. | *— 100* | .. | .. | .. |
| TOTAL—68. IRRIGATION WORKS—PRODUCTIVE. | *54,502* | 14,14,033 | *8,900* | 7,41,100 | *13,400* | 5,47,800 | *3,600* | 5,82,200 |
| | 14,68,535 | | 7,50,000 | | 5,61,200 | | 5,85,800 | |

68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—*cont.*

Summary by Minor Heads and Sub-heads of appropriation—*cont*

| MINOR HEADS and SUB-HEADS of appropriation. | Accounts, 1936–1937. | | Budget Estimate, 1937–1938. | | Revised Estimate, 1937–1938. | | Budget Estimate, 1938–1939. | |
|---|---|---|---|---|---|---|---|---|
| | Non-voted. | Voted. | Charged. | Voted. | Charged. | Voted. | Charged. | Voted. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS | RS. |
| IRRIGATION WORKS—UNPRODUCTIVE. | | | | | | | | |
| 68. h. WORKS— | | | | | | | | |
| MINOR IRRIGATION WORKS—IMPROVEMENTS .. | .. | 16,17,551 | .. | 12,97,000 | .. | 12,84,200 | .. | 69,100 |
| 68 j. ESTABLISHMENT— | | | | | | | | |
| SPECIAL ESTABLISHMENT—IMPROVEMENTS TO MINOR IRRIGATION WORKS .. | *21,351* | 3,34,495 | *22,500* | 3,31,300 | *12,600* | 2,58,000 | .. | 10,800 |
| 68. k. TOOLS AND PLANT. | .. | 2,201 | .. | 1,300 | | 400 | .. | .. |
| TOTAL—68.—IRRIGATION WORKS—UNPRODUCTIVE .. .. .. | *21,351* | 19,54,247 | *22,500* | 16,29,600 | *12,600* | 15,42,600 | .. | 79,900 |
| | 19,75,598 | | 16,52,100 | | 15,55,200 | | 79,900 | |
| TOTAL—DEMAND XXXI—CAPITAL OUTLAY ON IRRIGATION .. .. | *75,853* | 33,68,280 | *31,400* | 23,70,700 | *26,000* | 20,90,400 | *3,600* | 6,62,100 |
| | 34,44,133 | | 24,02,100 | | 21,16,400 | | 6,65,700 | |
| *Add*— | | | | | | | | |
| *Pro-rata* CHARGES SHOWN UNDER DEMAND XXV—CIVIL WORKS—ESTABLISHMENTS, ETC.— | | | | | | | | |
| (*a*) ESTABLISHMENT. | *57,763* | 1,37,838 | *36,600* | 1,18,500 | *29,900* | 1,02,400 | *41,400* | 1,37,600 |
| (*b*) TOOLS AND PLANT .. | .. | 2,768 | .. | 5,200 | .. | 4,200 | .. | 4,900 |
| | *1,33,616* | 35,08,886 | *68,000* | 24,94,400 | *55,900* | 21,97,000 | *45,000* | 8,04,600 |
| TOTAL—MAJOR HEAD 68. | 36,42,502 | | 25,62,400 | | 22,52,900 | | 8,49,600 | |

## 68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE.

### a. WORKS.

| Sub-heads of appropriation. | Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] | Figures by detailed account heads. Amount of Estimate. | Accounts to end of 1936–1937. | Budget Estimate, 1937–1938. | Revised Estimate, 1937–1938. | Budget Estimate, 1938–1939. |
|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| | | RS. | RS. | RS. | RS. | RS. |
| a. A. GODAVARI DELTA SYSTEM. | 1. *Godavari Western.*—Kalipatnam Scheme—G.O. No. 829 I., dated 30th March 1935. | 12,200 | 6,378 | 3,500 | 3,500 | 2,400 |
| | 2. *Godavari Western.*—Providing irrigation facilities for Government waste lands in Muthyalapalli and Losaragutlapadu ranges—G.O. No. 709 I., dated 22nd March 1932. | 88,885<br>W.S. 79,177 | 63,288 | 15,000 | 7,000 | 17,000 |
| | 3. *Godavari Headworks.*—Replacement of 2-foot falling shutters by 3-foot shutters and provision of heavier machinery for lifting 3-foot shutters—G.O. No. 812 I., dated 30th May 1935. | 5,65,500<br>T.S. 4,48,000<br>W.S. 3,63,000 | 3,57,174 | — 1,73,000 | — 1,60,000 | .. |
| | 4. *Godavari Western.*—Excavating a channel to Vemuladivi village—G.O. No. 2598 I., dated 3rd December 1935. | 1,10,000 | 31,790 | 35,000 | 35,000 | 40,000 |
| | 5. *Godavari Western.*—Excavating a channel to Losaragutlapadu village—G.O. No. 2597 I., dated 3rd December 1935. | 1,01,000<br>W.S. 98,400 | 29,978 | 35,000 | 30,000 | 26,000 |
| | 6. *Godavari Western.*—Remodelling the Bondada channel—G.O. No. 2069 I., dated 2nd September 1936. | 11,510 | 579 | 1,500 | 900 | 2,000 |
| | 7. *Godavari Central.*—Remodelling the Pallamkurru No. I and II channels—G.O. No. 2885 I., dated 15th December 1936. | 31,700 | 84 | 10,000 | 4,000 | 8,000 |
| | TOTAL—a. A. GODAVARI DELTA SYSTEM. | | | — 73,000 | — 79,600 | 95,400 |
| a. B. KISTNA DELTA SYSTEM. | 1. *Kistna Eastern.*—Improvements to Peddalanka channel—G.O. No. 230 I., dated 27th January 1933. | 4,28,690 | 3,40,290 | 25,000 | 33,000 | 1,000 |
| | 2. *Kistna Western.*—Excavating the Pedakondur channel—G.O. No. 655 I., dated 15th March 1934. | 47,286 | 47,429 | 2,700 | 1,900 | 3,600 |
| | Carried over .. | | | 27,700 | 34,900 | 4,600 |

W.S. = Work Slip. T.S. = Technical Sanction.

## 68—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

| SUB-HEADS of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump-sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Amount of Estimate. (3) | Accounts to end of 1936–1937. (4) | Budget Estimate, 1937–1938. (5) | Revised Estimate, 1937–1938. (6) | Budget Estimate, 1938–1939. (7) |
|---|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. | RS. |
| | Brought forward .. | | | 27,700 | 34,900 | 4,600 |
| a. B. KISTNA DELTA SYSTEM—*cont.* | 3. *Kistna Western.*—Excavating the Tumuluru and Davuluru channels and Kollipara new channel—G.O. No. 660 I., dated 15th March 1934. | 54,071 | 37,484 | 9,800 | 6,900 | 2,900 |
| | 4. *Kistna Western.*—Excavation of the Kistna High Level canal (inclusive of land acquisition staff)—G.O. No. 975 I., dated 16th April 1935. | 7,11,431 | 2,91,611 | 2,00,000 | 1,35,000 | 1,25,000 |
| | 5. *Guntur Division.*—Excavation of the Appapuram channel—G.O. No. 1003 I., dated 24th April 1936. | 10,75,700 | .. | 3,00,000 | 2,31,400 | 2,00,000 |
| | 6. *Kistna Eastern.*—Conversion of the first reach of Gudivada channel into a navigable canal—G.O. No. 1839 I., dated 17th August 1935. | 39,700 (Government share 1,996) | .. | 4,000 | 2,000 | .. |
| (N) | 7. *Kistna Central.*—Extending the wharf at Bezwada from the girder bridge at mile 0/2 of the Kistna Eastern delta main canal down to railway girder bridge. | 20,100 | .. | .. | .. | 8,000 |
| | 8. Minor Works .. | .. | .. | 11,000 | .. | 3,000 |
| | TOTAL—a. B. KISTNA DELTA SYSTEM. | .. | .. | 5,52,500 | 4,10,200 | 3,43,500 |
| a C. KISTNA EAST BANK CANAL EXTENSION SCHEME. | *Kistna Central.*—Kistna East Bank Canal Scheme—G.O. No. 231 I., dated 27th January 1933. | 28,49,320 | 23,81,197 | 1,48,700 | 1,92,500 | 36,000 |
| | TOTAL—a. C. KISTNA EAST BANK CANAL EXTENSION SCHEME. | .. | .. | 1,48,700 | 1,92,500 | 36,000 |
| a. D. PENNAR RIVER CANALS SYSTEM. | *Nellore.*—Fitting falling shutters over Sangam anicut—G.O. No. 2896 I., dated 17th December 1936. | 1,36,500 | 14,005 | 50,000 | 40,000 | 40,000 |
| | TOTAL—a. D. PENNAR RIVER CANALS SYSTEM. | .. | .. | 50,000 | 40,000 | 40,000 |

(N) = New Work.

## 68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

a. WORKS—*cont.*

| SUB-HEADS of appropriation. (1) | Detailed account heads. [The provision for each major work and the lump sum provision for minor works should be treated as specific appropriations.] (2) | Figures by detailed account heads. Amount of Estimate. (3) | Accounts to end of 1936–1937. (4) | Budget Estimate, 1937–1938. (5) | Revised Estimate, 1937–1938. (6) | Budget Estimate, 1938–1939. (7) |
|---|---|---|---|---|---|---|
| | | RS. | RS. | RS. | RS. | RS. |
| a. E. KATTALAI SCHEME. | 1. *Trichinopoly.*—Bed regulator across the Cauvery at Kattalai and High Level channel—G.O. No. 96 I., dated 12th January 1931. (Bed Regulator D.S. 6,84,000; High Level channel D.S. 15,91,000.) | D.S. 22,75,000 | 20,94,303 | 27,100 | 15,400 | 25,000 |
| | 2. *Trichinopoly.*—Kattalai North Bank Canal scheme —G.Os. No. 1494 I., dated 10th May 1929, and No. 3545 I., dated 18th December 1930. | D.S. 3,50,750 | 3,40,923 | 300 | 200 | .. |
| | 3. *Trichinopoly.*—Extension of the Uyyakondan channel in the Trichinopoly and Tanjore districts. | 45,000 | .. | 3,000 | 1,000 | 20,000 |
| | TOTAL—a. E. KATTALAI SCHEME. | .. | .. | 30,400 | 16,600 | 45,000 |
| | HEADWORKS. | | | | | |
| a. F. CAUVERY-METTUR PROJECT. | 1. Deep supply sluices .. | .. | .. | 3,000 | 10,500 | .. |
| | 2. Surplus sluices and shutters. } 3. Saddle surplus cutting .. } | .. | .. | 50,000 | 80,000 | 27,300 |
| | 4. *Deduct.*—Receipts by sale of Special Tools and Plant— | | | | | |
| | In India .. .. | .. | .. | — 20,000 | — 75,000 | — 10,000 |
| | 5. Loss on stock .. .. | .. | .. | 20,000 | 41,500 | 10,000 |
| | TOTAL—HEADWORKS .. | .. | .. | 53,000 | 57,000 | 27,300 |
| | CANALS .. .. | .. | .. | 56,900 | 48,200 | 50,000 |
| | TOTAL—a. F. CAUVERY-METTUR PROJECT .. | .. | .. | 1,09,900 | 1,05,200 | 77,300 |
| GRAND TOTAL—68. a. IRRIGATION WORKS—PRODUCTIVE —VOTED .. | | | | 8,18,500 | 6,84,900 | 6,37,200 |

D.S. = Deviation Statement.

## 68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

b. ESTABLISHMENT.

| Sub-heads of appropriation. (1) | Strength. 1937–1938. (2) | Strength. 1938–1939. (3) | Details. (4) | Figures by detailed account heads. Accounts, 1936–1937. (5) | Budget Estimate, 1937–1938. (6) | Revised Estimate, 1937–1938. (7) | Budget Estimate, 1938–1939. (8) |
|---|---|---|---|---|---|---|---|
| | | | | RS. | RS. | RS. | RS. |
| | | | A. SPECIAL ESTABLISHMENTS—PRODUCTIVE. | | | | |
| | | | I. KISTNA EAST BANK CANAL AND PEDDALANKA CHANNEL SCHEMES. | | | | |
| b. A. I. Kistna East Bank Canal and Peddalanka Channel Schemes. | | | CHARGED— | | | | |
| | | | PAY OF OFFICERS .. .. | *9,922* | .. | .. | .. |
| | 1 | | *Executive Engineer (625—1,375).* | | | | |
| | | | *Allowances* .. .. .. | *1,625* | .. | .. | .. |
| | | | VOTED— | | | | |
| | | | PAY OF OFFICERS .. .. | 18,850 | 10,000 | 8,100 | .. |
| | 3 | | Assistant Engineers (250—750), up to 30th June 1937 .. | | | | |
| | | | PAY OF ESTABLISHMENTS .. | 26,508 | 10,000 | 12,800 | .. |
| | 53 | | Supervisors 10 (80—250); Accountant 1 (100—300); Draughtsmen 1 (90), 2 (50); Overseer 1 (50); Clerks 1 (70), 2 (55), 8 (30); Typist 1 (30); Tracers 2 (28); Peons 24 (12). | | | | |
| | | | ALLOWANCES—TRAVELLING ALLOWANCES .. .. .. | 9,793 | 3,500 | 3,700 | .. |
| | | | CONTINGENCIES .. .. .. | 3,193 | 1,700 | 800 | .. |
| | | | SUPERVISION CHARGES— | | | | |
| | | | VOTED .. .. .. | 15,665 | 3,500 | 3,300 | .. |
| | | | | *11,547* | | | |
| | | | TOTAL b. A. I.—VOTED .. | 74,009 | 28,700 | 28,700 | .. |
| | | | II. CAUVERY-METTUR PROJECT. | | | | |
| | | | CANALS AND HEADWORKS—PUBLIC WORKS ESTABLISHMENTS. | | | | |
| b. A. II. Cauvery-Mettur Project. | | | CHARGED— | | | | |
| | | | *Pay of Officers* .. .. .. | *16,576* | *5,100* | *1,300* | .. |
| | | | *Travelling Allowances* .. .. | *399* | .. | .. | .. |
| | | | VOTED— | | | | |
| | | | PAY OF OFFICERS .. .. | 12,127 | 3,100 | 12,000 | 1,000 |
| | | | PAY OF ESTABLISHMENTS .. .. | 18,755 | 4,000 | 14,500 | 3,000 |
| | | | TRAVELLING ALLOWANCES .. | 2,077 | .. | 100 | .. |
| | | | CONTINGENCIES .. .. .. | 119 | } 800 | 200 | .. |
| | | | OTHER CHARGES .. .. | 953 | | | |
| | | | CHARGES PAYABLE TO GOVERNMENTS, DEPARTMENTS AND OTHERS— | | | | |
| | | | Supervision Charges at 2 per cent .. | 1,467 | .. | .. | .. |
| | | | Carried over .. { | *16,975* | *5,100* | *1,300* | .. |
| | | | | 35,503 | 7,900 | 26,800 | 4,000 |

☞ No special establishment is employed for the Cauvery Mettur Project. The provision in the Estimates represents probable debits on account of leave charges, etc.

## 68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—PRODUCTIVE—*cont.*

b. Establishment—*cont.*

| Sub-heads of appropriation. (1) | Strength. 1937–1938. (2) | Strength. 1938–1939. (3) | Details. (4) | Figures by detailed account heads. Accounts, 1936–1937. (5) | Budget Estimate, 1937–1938. (6) | Revised Estimate, 1937–1938. (7) | Budget Estimate, 1938–1939. (8) |
|---|---|---|---|---|---|---|---|
| | | | | RS. | RS. | RS. | RS. |
| | | | A. SPECIAL ESTABLISHMENTS—PRODUCTIVE—*cont.* | | | | |
| | | | II. Cauvery-Mettur Project—*cont.* | | | | |
| | | | Brought forward .. { | *16,975*<br>35,503 | *5,100*<br>7,900 | *1,300*<br>26,800 | ..<br>4,000 |
| | | | (ii) CANALS AND HEADWORKS—ESTABLISHMENTS OTHER THAN PUBLIC WORKS ESTABLISHMENTS. | | | | |
| b. A. II. Cauvery-Mettur Project—*cont.* | | | Pay of Officers .. .. .. | | 1,700 | .. | .. |
| | | | Pay of Establishment .. .. | | 300 | 200 | .. |
| | | | Total b. A. II—Cauvery-Mettur Project .. | 52,478 | 15,000 | 28,300 | 4,000 |
| | | | *Charged* .. | *16,975* | *5,100* | *1,300* | .. |
| | | | Voted .. | 35,503 | 9,900 | 27,000 | 4,000 |
| GRAND TOTAL—68. b. A. ESTABLISHMENT—SPECIAL ESTABLISHMENTS—PRODUCTIVE— .. .. | | | | 1,38,034 | 43,700 | 57,000 | 4,000 |
| | | | *Charged* .. | *28,522* | *5,100* | *1,300* | .. |
| | | | Voted .. | 1,09,512 | 38,600 | 55,700 | 4,000 |

## 68. CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS—IRRIGATION WORKS—UNPRODUCTIVE.

j. Establishment.

| Sub-heads of appropriation. (1) | Strength. 1937–1938. (2) | Strength. 1938–1939. (3) | Details. (4) | Accounts, 1936–1937. (5) | Budget Estimate, 1937–1938. (6) | Revised Estimate, 1937–1938. (7) | Budget Estimate, 1938–1939. (8) |
|---|---|---|---|---|---|---|---|
| | | | SPECIAL ESTABLISHMENT. | | | | |
| Improvements to Minor Irrigation Works. | | | Charged— | | | | |
| | | | *Pay of Officers* .. .. .. | *19,350* | *19,500* | *11,400* | .. |
| | | | *Allowances* .. .. .. | *2,001* | *3,000* | *1,200* | .. |
| | | | Voted— | | | | |
| | | | Pay of Officers .. .. | 46,772 | 47,400 | 33,500 | 800 |
| | | | Pay of Establishments .. | 1,52,901 | 1,44,000 | 1,10,300 | 4,800 |
| | | | Allowances—Travelling Allowances .. .. .. | 68,082 | 71,800 | 53,500 | 2,200 |
| | | | Contingencies .. .. .. | 14,850 | 16,200 | 9,300 | 200 |
| | | | Supervision Charges .. .. | 35,842 } | 51,900 | 51,400 | 2,800 |
| | | | Direction Charges .. .. | 16,048 } | | | |
| GRAND TOTAL—68. j. SPECIAL ESTABLISHMENT—UNPRODUCTIVE .. | | | | 3,55,846 | 3,53,800 | 2,70,600 | 10,800 |
| | | | *Charged* .. | *21,351* | *22,500* | *12,600* | .. |
| | | | Voted .. | 3,34,495 | 3,31,300 | 2,58,000 | 10,800 |

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